



# Memorandum

**TO:** HONORABLE MAYOR AND  
CITY COUNCIL

**FROM:** Katy Allen  
James R. Helmer

**SUBJECT: SEE BELOW**

**DATE:** 04-28-04

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Approved

Date

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Council District: 8

**SUBJECT: TRAFFIC SIGNAL INSTALLATION AT COLT WAY AND SILVER  
CREEK ROAD PROJECT**

## **RECOMMENDATION**

Report on bids and award of contract for the Traffic Signal Installation at Colt Way and Silver Creek Road Project to the low bidder, Pacific Electric Company, in the amount of \$148,570.50, and approval of a contingency in the amount of \$14,850.  
CEQA: Exempt, PP02-07-197.

## **BACKGROUND**

The Traffic Capital Budget includes funding for new traffic signals and modifications to existing signals at specific locations. These locations are recommended by the Department of Transportation based on conformance with City Council Policy 2-2, which takes into account prioritization factors related to accident history, traffic volumes and speed, traffic congestion, pedestrian activities, and proximity to schools.

A traffic signal installation is planned for the intersection of Colt Way and Silver Creek Road, which is located at Silver Creek High School, to provide protected left-turn phasing, controlled signal access and to improve pedestrian mobility through the intersection. At this intersection, an easement is necessary to install a detector loop in the high school driveway. The East Side Union High School District Board of Trustees approved the easement donation agreement on March 11, 2004. The acceptance of the easement(s) from East Side Union High School District is also on the May 18, 2004 Council Agenda, titled "Acceptance of Donation of Two Easements for Traffic Signals."

This project includes the installation of signal standards, signal display equipment, conduit and electrical systems, vehicular and pedestrian detection systems, street lighting, and related improvements.

Construction is scheduled to begin in July with completion in October 2004.

## **ANALYSIS**

Bids were opened on April 20, 2004 with the following results:

<u>Contractor</u>	<u>Total Bid</u>	<u>Variance Amount</u>	<u>Over/(Under) Percent</u>
St. Francis Electric, Inc. (San Leandro)	\$217,175.00	\$26,175.00	14
Tennyson Electric, Inc. (Livermore)	194,449.00	3,449.00	2
<b>Engineer's Estimate</b>	<b>191,000.00</b>	---	---
Prism Engineering, Inc. (Hollister)	186,234.50	(4,765.50)	(3)
Rosendin Electric, Inc. (San José)	182,413.00	(8,578.00)	(5)
Brown & Fesler, Inc. (Livermore)	168,384.00	(22,616.00)	(12)
San Jose Signal Electric Construction, Inc. (San José)	165,360.00	(26,640.00)	(13)
Pacific Electric Company (San José)	148,570.50	(42,429.50)	(22)

The low bid submitted by Pacific Electric Company is 22 percent below the Engineer's Estimate. This low bid may be attributed to the economic slowdown in this current market for electrical construction work. The bid is considered acceptable for the work involved in the project.

Council policy provides for a standard contingency of ten percent on public works projects involving traffic signal systems. The standard contingency is appropriate for this project. The funds budgeted for this project are sufficient to provide for the recommended contingency.

## **PUBLIC OUTREACH**

This project public outreach was coordinated with Council District 8, the East Side Union High School District, the Silver Creek High School Principal and Vice Principal and immediate residents at the intersection.

To solicit contractors, this project was listed on the City's Internet Bid Line and advertised in the *San José Post Record*. Bid packages for all Department of Public Works construction projects are provided to various contractor organizations and builder's exchanges.

## **COORDINATION**

This project and memo have been coordinated with the City Attorney's Office, the City Manager's Budget Office and the Department of Planning, Building and Code Enforcement.

## **COST IMPLICATIONS**

1. COST OF RECOMMENDATION: \$148,570.50

2. COST OF PROJECT:

Project Delivery	\$60,000.00	*
Construction	148,570.50	
City Furnished Material	11,260.00	**
Contingency	<u>14,850.00</u>	
Total	\$234,680.50	

\* \$4,564 of the Project Delivery Costs were expended in prior fiscal years.

\*\* City to furnish long lead items to meet school schedule.

2. SOURCE OF FUNDING: 429 – Building and Structure Construction Tax Fund

3. FISCAL IMPACT: This project is consistent with the Council-approved Budget Strategy Economic Recovery section in that it will spur construction spending in our local economy. Upon completion, the project will have minimal operating and maintenance impacts on the General Fund in the approximate amount of \$4,500 per signal per year.

## **BUDGET REFERENCE**

Fund #	Appn #	Appn. Name	RC #	Total Appn.	Amt. for Contract	Adopted Budget Page	Last Budget Action (Date, Ord. No.)
429	4321	Traffic Signals	122315	\$4,203,000	\$148,570.50	Page 864	10/14/2003, Ord. No. 26997

HONORABLE MAYOR AND CITY COUNCIL

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**CEQA**

Exempt, PP02-07-197.

KATY ALLEN

Director, Public Works Department

JAMES R. HELMER

Director of Transportation

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Attachment